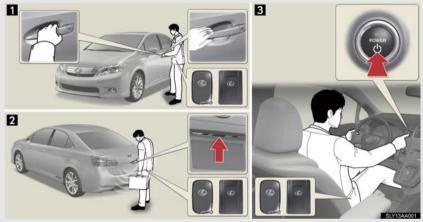
1-3. Opening, closing and locking the doors Smart access system with push-button start

The following operations can be performed simply by carrying the electronic key (including the card key) on your person, for example in your pocket.

(The driver should always carry the electronic key.)



- **1** Locks and unlocks the doors $(\rightarrow P.45)$
- ightharpoonup Unlocks the trunk (ightharpoonup P. 45)
- Starts the hybrid system $(\rightarrow P. 145)$

Unlocking and locking the doors (front door handles only)



Grip the handle to unlock the doors.

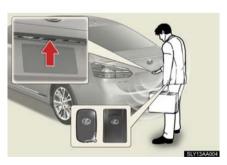
Make sure to touch the sensor on the back of the handle.

The doors cannot be unlocked for 3 seconds after the doors are locked.



Touch the lock sensor (the indentation on the upper part of the door handle) to lock the doors.

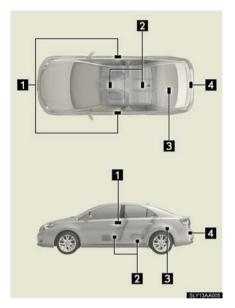
Unlocking the trunk



Press the button to unlock the trunk.

Antenna location and effective range

n Antenna location



- Antennas outside the cabin
- Antennas inside the cabin
- 3 Antenna inside the trunk
- 4 Antenna outside the trunk

n Effective range (areas within which the electronic key is detected)



When locking or unlocking the doors

The system can be operated when the electronic key is within about 2.3 ft. (0.7 m) of either of the front outside door handles. (Only the doors detecting the key can be operated.)

When unlocking the trunk

The system can be operated when the electronic key is within about 2.3 ft. (0.7 m) of the trunk release button.

When starting the hybrid system or changing "POWER" switch modes

The system can be operated when the electronic key is inside the vehicle.

n Operation signals

A buzzer sounds and the emergency flashers flash to indicate that the doors have been locked/unlocked. (Locked: Once; Unlocked: Twice)

n When the door cannot be locked by the lock sensor on the upper part of the door handle



Touch both lock sensors on the upper and lower part of the door handle simultaneously.

n Alarms and warning indicators

A combination of exterior and interior alarms as well as warning messages shown on the multi-information display is used to prevent theft of the vehicle and accidents resulting from erroneous operation. Take appropriate measures in response to any warning message on the multi-information display. $(\rightarrow P. 501)$

The following table describes circumstances and correction procedures when only alarms are sounded.

Alarm	Situation	Correction procedure
Exterior alarm sounds once for 10 seconds.	An attempt was made to lock the vehicle while a door was open.	Close all of the doors and lock the doors again.
Interior alarm pings repeatedly	The "POWER" switch was turned to ACCESSORY mode while the driver's door is open (The driver's door was opened when the "POWER" switch is in ACCESSORY mode.)	Turn the "POWER" switch off and close the driver's door.

n Security feature

If a door is not opened within approximately 60 seconds after the vehicle is unlocked, the security feature automatically locks the vehicle again.

n Battery-saving function

The battery-saving function will be activated in order to prevent the electronic key battery and the 12-volt battery from being discharged while the vehicle is not in operation for a long time.

- 1 In the following situations, the smart access system with push-button start may take some time to unlock the doors.
 - The electronic key has been left in an area of approximately 6 ft. (2 m) of the outside of the vehicle for 10 minutes or longer.
 - The smart access system with push-button start has not been used for 5 days or longer.

If the smart access system with push-button start has not been used for 14 days or longer, the doors cannot be unlocked at any doors except the driver's door. In this case, take hold of the driver's door handle, or use the wireless remote control or the mechanical key, to unlock the doors.

n Conditions affecting operation

The smart access system with push-button start uses weak radio waves. In the following situations, the communication between the electronic key and the vehicle may be affected, preventing the smart access system with push-button start, wireless remote control and immobilizer system from operating properly. (Ways of coping: \rightarrow P. 533)

- 1 When the electronic key battery is depleted
- 1 Near a TV tower, electric power plant, gas station, radio station, large display, airport or other facility that generates strong radio waves or electrical noise
- 1 When carrying a portable radio, cellular phone, cordless phone or other wireless communication devices
- 1 When the electronic key is in contact with, or is covered by the following metallic objects
 - · Cards to which aluminum foil is attached
 - · Cigarette boxes that have aluminum foil inside
 - Metallic wallets or bags
 - Coins
 - · Hand warmers made of metal
 - Media such as CDs and DVDs
- 1 When other wireless key (that emit radio waves) is being used nearby
- 1 When carrying the electronic key together with the following devices that emit radio waves
 - · Another vehicle's electronic key or a wireless key that emits radio waves
 - Personal computers or personal digital assistants (PDAs)
 - Digital audio players
 - Portable game systems
- 1 If window tint with a metallic content or metallic objects are attached to the rear window

n Note for the entry function

- 1 Even when the electronic key is within the effective range (detection areas), the system may not operate properly in the following cases:
 - The electronic key is too close to the window or outside door handle, near the ground, or in a high place when the doors are locked or unlocked.
 - The electronic key is near the ground or in a high place, or too close to the rear bumper center when the trunk is unlocked.
 - The electronic key is on the instrument panel, rear package tray or floor, or in the door pockets or glove box when the hybrid system is started or "POWER" switch modes are changed.
- 1 As long as the electronic key is within the effective range, the doors may be locked or unlocked by anyone.
- 1 Even if the electronic key is not inside the vehicle, it may be possible to start the hybrid system if the electronic key is near the window.
- 1 The doors may unlock if a large amount of water splashes on the door handle, such as in the rain or in a car wash when the electronic key is within the effective range. (The door will automatically be locked after approximately 60 seconds if the doors are not opened and closed.)
- 1 Gripping the door handle when wearing a glove may not unlock the door.
- If the wireless remote control is used to lock the doors when the electronic key is near the vehicle, there is a possibility that the door may not be unlocked by the entry function. (Use the wireless remote control to unlock the doors.)
- 1 A sudden approach to the effective range or door handle may prevent the doors from being unlocked. In this case, return the door handle to the original position and check that the doors unlock before pulling the door handle again.

n Notes for locking the doors

- 1 Touching the door lock sensor while wearing gloves may delay or prevent lock operation. Remove the gloves and touch the lock sensor again.
- 1 When the lock operation is performed using the lock sensor, recognition signals will be shown up to two consecutive times. After this, no recognition signals will be given.
- If the door handle becomes wet while the electronic key is within the effective range, the door may lock and unlock repeatedly. Place the key in a position 6 ft. (2 m) or more separate from the vehicle while the vehicle is being washed. (Take care to ensure that the key is not stolen.)

- If the electronic key is inside the vehicle and a door handle becomes wet during a car wash, a message may be shown on the multi-information display and a buzzer will sound outside the vehicle. To turn off the alarm, lock all the doors.
- 1 The lock sensor may not work properly if it comes into contact with ice, snow, mud, etc. Clean the lock sensor and attempt to operate it again, or use the lock sensor on the lower part of the door handle.
- 1 Fingernails may scrape against the door during operation of the door handle. Be careful not to injure fingernails or damage the surface of the door.

n Notes for the unlocking function

- 1 A sudden approach to the effective range or door handle may prevent the doors from being unlocked. In this case, return the door handle to the original position and check that the doors unlock before pulling the door handle again.
- 1 Gripping the door handle when wearing a glove may not unlock the door. Remove the gloves and touch the sensor on the back of the handle again.
- 1 If the door handle becomes wet while the electronic key is within the effective range, the door may lock and unlock repeatedly. Place the key in a position 6 ft. (2 m) or more separate from the vehicle while the vehicle is being washed. (Take care to ensure that the key is not stolen.)
- 1 If there is another electronic key in the detection area, it may take slightly longer to unlock the doors after the door handle is gripped.
- 1 Fingernails may scrape against the door during operation of the door handle. Be careful not to injure fingernails or damage the surface of the door.

${ m n}\,$ When the vehicle is not driven for extended periods

- 1 To prevent theft of the vehicle, do not leave the electronic key within 6 ft. (2 m) of the vehicle.
- 1 The smart access system with push-button start can be deactivated in advance. $(\rightarrow P. 572)$

n Alarm

Using the smart access system with push-button start to lock the doors will set the alarm system. (\rightarrow P. 98)

n To operate the system properly

Make sure to carry the electronic key when operating the system. Do not get the electronic key too close to the vehicle when operating the system from the outside of the vehicle.

Depending on the position and holding condition of the electronic key, the key may not be detected correctly and the system may not operate properly. (The alarm may go off accidentally, or the door lock prevention may not operate.)

n If the smart access system with push-button start does not operate properly

- 1 Locking and unlocking the doors, unlocking the trunk: Use the mechanical key. $(\rightarrow P.533)$
- 1 Starting the hybrid system: \rightarrow P. 534

n Electronic key battery depletion

- 1 The standard battery life is 1 to 2 years. (The card key battery life is about a year and a half.)
- 1 As the electronic key always transmits radio waves, the battery will become depleted even if the electronic key is not used. The following symptoms indicate that the electronic key battery may be depleted. Replace the battery when necessary. (→P. 453)
 - The smart access system with push-button start or the wireless remote control does not operate.
 - The detection area becomes smaller.
 - The LED indicator on the key surface does not turn on.
- 1 To avoid serious deterioration, do not leave the electronic key within 3 ft. (1 m) of the following electrical appliances that produce a magnetic field:
 - TVs
 - · Personal computers
 - Cellular phones, cordless phones and battery chargers
 - · Recharging cellular phones or cordless phones
 - Glass top ranges
 - Table lamps

$_{ m 1}$ When the electronic key battery is fully depleted

 \rightarrow P. 453

n Customization

Settings (e.g. smart access system with push-button start) can be changed. (Customizable features \rightarrow P. 572)

n Certification for the smart access system with push-button start

For vehicles sold in the U.S.A.

FCC ID: HYO14ACX FCC ID: HYO14ADF FCC ID: HYO14AFB FCC ID: HYO14AFF FCC ID: HYO13C7K FCC ID: HYO13C7L

FCC ID: NI4TMI F8-13

NOTF:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

For vehicles sold in Canada

NOTF:

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

A CAUTION

n Caution regarding interference with electronic devices

- 1 People with implanted pacemakers or cardiac defibrillators should keep away from the smart access system antennas. $(\rightarrow P. 46)$
 - The radio waves may affect the operation of such devices. If necessary, the entry function can be disabled. Ask your Lexus dealer for details, such as the frequency of radio waves and timing of emitting the radio waves. Then, consult your doctor to see if you should disable the entry function.
- 1 Users of any electrical medical device other than implanted pacemakers and implanted cardiac defibrillators should consult the manufacturer of the device for information about its operation under the influence of radio waves.
 - Radio waves could have unexpected effects on the operation of such medical devices.

Ask your Lexus dealer for details on disabling the entry function.

1-3. Opening, closing and locking the doors

Wireless remote control

The wireless remote control can be used to lock and unlock the vehicle.



- 1 Locks all the doors
- Unlocks all the doors

Pressing the button unlocks the driver's door. Pressing the button again within 3 seconds unlocks the other doors.

- Opens the windows and moon roof (press and hold)*
- 4 Unlocks the trunk (press and hold)
- Sounds the alarm (press and hold) $(\rightarrow P. 55)$
- *: This setting must be customized at your Lexus dealer.

n Operation signals

Doors: A buzzer sounds and the emergency flashers flash to indicate that the doors have been locked/unlocked. (Locked: Once; Unlocked: Twice)

Trunk: A buzzer sounds to indicate that the trunk has been unlocked.

Windows and moon roof: A buzzer sounds to indicate that the windows and moon roof are opening.

n Door lock buzzer

If an attempt to lock the doors is made when a door is not fully closed, a buzzer sounds continuously. Fully close the door to stop the buzzer, and lock the vehicle once more.

n Panic mode



When (() is pressed for longer than about one second, an alarm will sound intermittently and the vehicle lights will flash to deter any person from trying to break into or damage your vehicle.

To stop the alarm, press any button on the electronic key.

n Security feature

→P. 48

n Alarm

Using the wireless remote control to lock the doors will set the alarm system. $(\rightarrow\! P\!.\,98)$

n Conditions affecting operation

 \rightarrow P. 49

${f n}$ If the wireless remote control does not operate properly

Locking and unlocking the doors, unlocking the trunk: Use the mechanical key. $(\rightarrow P.533)$

n Electric key battery depletion

 $\rightarrow P.52$

$\,\mathrm{n}\,$ When the electric key battery is fully depleted

 \rightarrow P. 453

n Customization

Settings (e.g. door unlocking function) can be changed. (Customizable features →P. 572)

n Certification for wireless remote control

For vehicles sold in the U.S.A.

FCC ID: HYQ14ACX FCC ID: HYQ14ADF FCC ID: HYQ14AEB FCC ID: HYQ14AEF FCC ID: HYQ13CZL

FCC ID: NI4TMLF8-13

NOTF:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC WARNING:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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NOTF:

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

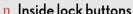
Doors

The vehicle can be locked and unlocked using the entry function, wireless remote control or door lock switch.

- n Entry function
 - \rightarrow P. 44
- n Wireless remote control
 - $\rightarrow P.54$
- n Door lock switches



- Locks all the doors
- Unlocks all the doors





- 11 Locks the door
- 2 Unlocks the door

The front doors can be opened by pulling the inside handle even if the lock buttons are in the lock position.

Locking the front doors from the outside without a key

STEP 1 Move the inside lock button to the lock position.

STEP 2 Close the door.

The door cannot be locked if the "POWER" switch is in ACCESSORY or ON mode, or the electronic key is left inside the vehicle.

The key may not be detected correctly and the door may be locked.

Rear door child-protector lock



The door cannot be opened from inside the vehicle when the lock is set.

These locks can be set to prevent children from opening the rear doors. Push down on each rear door switch to lock both rear doors.

${\it n}\$ Impact detection door lock release system

In the event that the vehicle is subject to a strong impact, all the doors are unlocked. Depending on the force of the impact or the type of accident, however, the system may not operate.

n Using the mechanical key

The doors can also be locked and unlocked with the mechanical key. $(\rightarrow P. 533)$

n If a wrong key is used

The key cylinder rotates freely to isolate inside mechanism.

n Customization

Settings (e.g. unlocking function using a key) can be changed. (Customizable features \rightarrow P. 572)

A CAUTION

n To prevent an accident

Observe the following precautions while driving the vehicle.

Failure to do so may result in a door opening and an occupant falling out, resulting in death or serious injury.

- 1 Always use a seat belt.
- 1 Always lock all the doors.
- 1 Ensure that all doors are properly closed.
- 1 Do not pull the inside handle of the doors while driving. The doors may be opened and the passengers are thrown out of the vehicle and it may result in serious injury or death.
 - Be especially careful for the front doors, as the doors may be opened even if the inside lock buttons are in locked position.
- 1 Set the rear door child-protector locks when children are seated in the rear seats.

1-3. Opening, closing and locking the doors

Trunk

The trunk can be opened using the trunk opener, entry function or wireless remote control.

n Opening the trunk from inside the vehicle



Press the opener switch to release the trunk lid.

n Opening the trunk from outside the vehicle Entry function

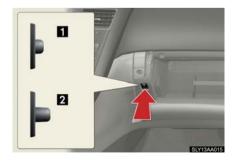
→P. 44

Wireless remote control

→P. 54

Luggage security system

To protect luggage stored in the trunk against theft, do the following:



2 Off

Turn the main switch in the glove box off to disable the trunk opener.

The trunk lid cannot be opened even with the wireless remote control or the entry function.

n Trunk handle



Use the trunk handle when closing the trunk.

n Function to prevent the trunk being locked with the electronic key inside

- 1 When all doors are being locked, closing the trunk lid with the electronic key left inside the trunk will sound an alarm.
 In this case, the trunk lid can be opened using the entry function.
- 1 Even when the spare electronic key is put in the trunk with all the doors locked, the key confinement prevention function can be activated so the trunk can be opened. In order to prevent theft, take all electronic keys with you when leaving
- 1 Even when the electronic key is put in the trunk with all the doors are locked, the key may not be detected depending on the places and the surrounding radio wave conditions. In this case, the key confinement prevention function cannot be activated, causing the doors to lock when the trunk is closed. Make sure to check where the key is before closing the trunk.
- 1 The key confinement prevention function cannot be activated if any one of the doors is unlocked. In this case, open the trunk using the trunk opener.

n Internal trunk release lever

the vehicle.



The trunk lid can be opened by pulling down on the glow-in-the-dark lever located on the inside of the trunk lid.

The lever will continue to glow for some time after the trunk lid is closed.

n Using the mechanical key

The trunk can be also opened using the mechanical key. $(\rightarrow P. 533)$

CAUTION

n Caution while driving

- Keep the trunk lid closed while driving. If the trunk lid is left open, it may hit near-by objects while driving or luggage in the trunk may be unexpectedly thrown out, causing an accident. In addition, exhaust gases may enter the vehicle, causing death or a serious health hazard. Make sure to close the trunk lid before driving.
- 1 Before driving the vehicle, make sure that the trunk lid is fully closed. If the trunk lid is not fully closed, it may open unexpectedly while driving, causing an accident.
- 1 Never let anyone sit in the trunk. In the event of sudden braking or a collision, they are susceptible to death or serious injury.

n When children are in the vehicle

Observe the following precautions. Failure to do so may result in death or serious injury.

- Do not allow children to enter the trunk. If a child is accidentally locked in the trunk, they could overheat or suffocate.
- 1 Do not allow a child to open or close the trunk lid. Doing so may cause the trunk lid to operate unexpectedly, or cause the child's hands, head, or neck to be caught by the closing trunk lid.

A CAUTION

n Using the trunk

Observe the following precautions.

Failure to do so may cause parts of the body to be caught, resulting in serious injury.

- 1 Remove any heavy loads, such as snow and ice, from the trunk lid before opening it. Failure to do so may cause the trunk lid to fall closed again after it is opened.
- 1 When opening or closing the trunk lid, thoroughly check to make sure the surrounding area is safe.
- I If anyone is in the vicinity, make sure they are safe and let them know that the trunk is about to open or close.
- 1 Use caution when opening or closing the trunk lid in windy weather as it may move abruptly in strong wind.





- 1 The trunk lid may fall if it is not opened fully. It is more difficult to open or close the trunk lid on an incline than on a level surface, so beware of the trunk lid unexpectedly opening or closing by itself. Make sure that the trunk lid is fully open and secure before using the trunk.
- I When closing the trunk lid, take extra care to prevent your fingers etc. from being caught.
- When closing the trunk lid, make sure to press it lightly on its outer surface. If the trunk handle is used to fully close the trunk lid, it may result in hands or arms being caught.
- 1 Do not attach any accessories other than genuine Lexus parts to the trunk lid. Such additional weight on the trunk lid may cause the lid to fall closed again after it is opened.